



YGP ENTERPRISE

The Future is Today

Our Labs & Quality Control

YGP Enterprise is an ISO 9001-2008 certified organization thus ensuring quality control at all stages of the production process. We have a well equipped, state-of-the-art laboratory for assessment, monitoring, analysis and quality control of our products and raw materials. Our principal testing facility includes analytical balances, carbon determiners, moisture determiners, Oxygen and Nitrogen analysers(LECO) as well as Carbon and Sulphur analyser (Horiba). The Quality Control Department of our company tests the products and raw materials as per the methods suggested by the International Organization for Standardization(ISO). Our Labs & Quality Control

Certification & Accreditations

SFAL has been certified under ISO 9001:2008 certification, ISO 14001:2004 certification and ISO 18001:2007 certification for Quality Standard Management, Environment Management and Occupational Health & Safety Management respectively. It is the policy of SFAL to distinguish itself from others as an industry leader by inculcating value and complying with utmost levels of health and safety standards. The exam associate Malaysia We are committed towards maintaining excellence in quality and customer service through on time delivery and zero-defect products by maintaining global standards in production process.

Photo Gallery



Our Product

Our Product at YGP Enterprise are:

Silico Manganese

Silico Manganese is an alloy with 65% to 68% manganese, 16% to 21% silicon, and 1.5% to 2% carbon. It is produced by smelting of slag from high-carbon Ferro Manganese or of Manganese ore with coke and a quartz flux. Smelting temperatures are high and greater energy is needed to reduce the quartz to silicon. So, the process requires power consumption.

● LOW CARBON SILICO MANGANESE

Specification	Size	Packing
Mn - 60%	As Per Requirement	1 Ton Jumbo Bag Or 50kg Jute Bags
Si - 14%		
C - 1% & 1.5% Max		
P - 0.03%		
S - 0.04%		



● MEDIUM CARBON SILICO MANGANESE

Specification	Size	Packing
Mn - 60%	As Per Requirement	1 Ton Jumbo Bag Or 50kg Jute Bags
Si - 14%		
C - 2%		
P - 0.03%		
S - 0.04%		

● HIGH CARBON SILICO MANGANESE

Specification	Size	Packing
Mn - 60%	As Per Requirement	1 Ton Jumbo Bag Or 50kg Jute Bags
Si - 14%		
C - 2% & 3% Max		
P - 0.03%		
S - 0.04%		

● SPECIAL CARBON SILICO MANGANESE

Specification	Size	Packing
Mn - 65%	As Per Requirement	1 Ton Jumbo Bag Or 50kg Jute Bags
Si - 17%		
C - 2%		
P - 0.03%		
S - 0.04%		

Ferro Manganese

Ferro Manganese is an alloy with high percentage of manganese, which is made by heating a mixture of oxides.

It is MnO_2 and Fe_2O_3 with high carbon content in blast furnace or an electric arc furnace-type system. The oxides go through carbothermal reduction in the furnaces that result in producing Ferro Manganese. Ferro Manganese is used as deoxidizer and desulfu.

● LOW CARBON FERRO MANGANESE

Specification	Size	Packing
Mn - 75% & 80% Max	As Per Requirement	1 Ton Jumbo Bag Or 50kg Jute Bags
Si - 1.5%		
C - 1%		
P - 0.05%		
S - 0.03%		



● MEDIUM CARBON FERRO MANGANESE

Specification	Size	Packing
Mn - 78% & 80% Max	As Per Requirement	1 Ton Jumbo Bag Or 50kg Jute Bags
Si - 1.5%		
C - 1.5% & 2% Max		
P - 0.05%		
S - 0.03%		

● HIGH CARBON FERRO MANGANESE

Specification	Size	Packing
Mn - 70% & 78% Max	As Per Requirement	1 Ton Jumbo Bag Or 50kg Jute Bags
Si - 2%		
C - 6% & 8% Max		
P - 0.25%		
S - 0.03%		



● SPECIAL CARBON FERRO MANGANESE

Specification	Size	Packing
Mn - 75% & 80% Max	As Per Requirement	1 Ton Jumbo Bag Or 50kg Jute Bags
Si - 1.5%		
C - 6% & 8% Max		
P - 0.05%		
S - 0.03%		



Ferro Chrome

Ferro Chrome is an alloy with Carbon Percentage ranging from 0.03 to 0.10%.

Ferro Chrome is added in steel where in the percentage of Chromium has to be adjusted without affecting the levels of Carbon. Low Carbon Ferro Chrome Powder is used in several applications such as Welding Electrodes & Stick Electrodes.

● LOW CARBON FERRO CHROME

Specification	Size	Packing
Cr - 60% & 63% Max	As Per Requirement	1 Ton Jumbo Bag Or 50kg Jute Bags
Si - 2%		
C - 1% & 1.5% Max		
P - 0.04%		
S - 0.04%		



● HIGH CARBON FERRO CHROME

Specification	Size	Packing
Mn - 60%	As Per Requirement	1 Ton Jumbo Bag Or 50kg Jute Bags
Si - 4%		
C - 6% & 8% Max		
P - 0.04%		
S - 0.05%		



Ferro Silicon

Ferro silicon (FeSi) is an alloy of silicon and iron with a very high silicon content of between 10% and 90%. It is used as a master alloy in steel manufacturing, which is added in small quantities in order to change the properties of the melt, the freezing process and the final product.

● SPECIFICATION OF FERRO SILICON

Specification	Size	Packing
Si - 70% & 75% Max	As Per Requirement	1 Ton Jumbo Bag Or 50kg Jute Bags
Al - 1.5%		
C - 0.01%		
P - 0.06%		
Ca - 0.05%		
Mn - 0.05%		
S - 0.04%		



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